Appendix 1. Search strategy and the result of each database.

| Database | Search strategy   | Number of |
|----------|---|-----------|
|          |   | studies   |
| Ovid     | 1. (informal* and settlement*).ti,ab,kw.                        | 4,688     |
| Medline  | 2. (shanty and town*).ti,ab,kw.                                 |           |
|          | (favela* or ghetto* or shantytown* or shanty-town* or slum      |           |
|          | or slums).ti,ab,kw.   |           |
|          | 4. or/1-3   |           |
|          | 5. limit 4 to english language                                  |           |
| Embase   | 1 (informal* and settlement*).ti,ab,kw.                         | 5,090     |
|          | 2 (shanty and town*).ti,ab,kw.                                  |           |
|          | 3 (favela* or ghetto* or shantytown* or shanty-town* or slum or |           |
|          | slums).ti,ab,kw.  |           |
|          | 4 or/1-3  |           |
|          | 5 limit 4 to english language                                   |           |
| Web of   | TS=(favela* OR ghetto* OR shantytown* OR shanty-town*           | 3,553     |
| Science  | OR slum OR slums)) AND language: (English)                      |           |
|          | 2 ((TS=(informal* NEAR settlement*))) AND language:             |           |
|          | (English)   |           |
|          | 3 (TS=(shanty NEAR town*)) AND language: (English)              |           |
|          | 4 (#1 OR #2 OR #3) AND language: (English)                      |           |
| Cochrane | 1 (informal* and settlement*).ti,ab,kw.                         | 381       |
|          | 2 (shanty and town*).ti,ab,kw.                                  |           |
|          | 3 (favela* or ghetto* or shantytown* or shanty-town* or slum    |           |
|          | or slums).tı,ab,kw.   |           |
|          | 4 #1 or #2 or #3  |           |
| CINAHL   | TI (informal* and settlement*) OR AB (informal* and             | 1,757     |
|          | settlement*)  |           |
|          | 2 TI ( shanty and town* ) OR AB ( shanty and town* )            |           |
|          | TI ( favela* or ghetto* or shantytown* or shanty-town* or       |           |
|          | 3 slum or slums ) OR AB ( favela* or ghetto* or shantytown* or  |           |
|          | shanty-town* or slum or slums)                                  |           |
|          | S1 OR S2 OR S3  |           |
|          | of off of or of   |           |